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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: United States of America as represented by the Administrator of NASA

Application No./Patent No.: 10/124,689 Filed Issue Date: 4/12/2002

Entitled: Multi-Functional Micro Electromechanical Devices and Method of Bulk Manufacturing the Same

NASA, a U.S. Government Agency

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 12845 Frame 744, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
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3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

- [] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

September 24, 2003
Date

Kent N. Stone
Typed or printed name

Kent N. Stone

Signature

Patent Counsel, NASA Glenn Research Center
Title



National
Aeronautics and
Space
Administration

Declaration, Power of Attorney and Petition - Original Application

LEW 17,170-1
(NASA Case No.)

As a below named inventor, I hereby declare that: my residence, post office address and citizenship, are stated below next to my name, I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Multi-Functional Micro Electromechanical Devices and Method of Bulk Manufacturing
the Same

the specification of which ☒ is attached hereto, ☐ was filed on (Date) _____
as Application Serial No. _____ and was amended (Date) _____

I have reviewed and understand the contents of the above identified specification, including the claims, as any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information which is known to me to patentability as defined in 37 CFR §1.56.

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and, insofar as subject matter of each of the claims of this application is not disclosed in the prior United States application provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56 which became available on the filing date of the prior application and the national or PCT international filing date of this application:

_____, the status of which is ☐ patented, ☐ pending, ☐ abandoned
(Serial No.) (Filing Date)

I hereby claim priority benefits under Title 35, United States Code §119(e) of any United States Provisional Application listed below:

_____, the status of which is ☐ patented, ☐ pending, ☐ abandoned.
(Provisional Serial No.) (Filing Date)

POWER OF ATTORNEY: I hereby appoint the following attorney(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| | | | |
|---------------|------------|----------------|------------|
| Kent N. Stone | 31,883 | Harry Lupuloff | 31,117 |
| (Name) | (Reg. No.) | (Name) | (Reg. No.) |
| Gary Borda | 40,198 | | |
| (Name) | (Reg. No.) | (Name) | (Reg. No.) |
| Alan Kennedy | 28,625 | | |
| (Name) | (Reg. No.) | (Name) | (Reg. No.) |

ADDRESS ALL CORRESPONDENCE TO:

Name: Kent N. Stone
Address: NASA Glenn Research Center
21000 Brookpark Road - MS 500/118
Cleveland, OH 44135

DIRECT TELEPHONE CALLS TO:

Telephone (Set out complete number to be dialed from USPTO):
Kent N. Stone
216-433-8855


Sent to Addressee using Express Mailing Label
No. ET 1166 439 38 415
on this 12 day of April, 2002.

Kent N. Stone

Further, as a named inventor, I certify that the Government of the United States of America, as represented by the Administrator of the National Aeronautics and Space Administration has ☒ an assignment in, or ☐ license to the invention set forth in this application and has the irrevocable right to prosecute this application and to receive the patent.

Wherefore, I pray that Letters Patent be granted to me for this invention or discovery described and claimed in the foregoing specification and claims, and I hereby subscribe my name to the foregoing specification, claims, power of attorney and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001; and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| | | | |
|---|---|--|----------------------------------|
| FULL NAME OF INVENTOR | LAST Okojie | FIRST Robert | MIDDLE OR INITIAL S. |
| RESIDENCE AND CITIZENSHIP | CITY Strongsville | STATE OR FOREIGN COUNTRY Ohio | COUNTRY OF CITIZENSHIP U.S.A. |
| POST OFFICE | STREET NO. AND NAME 11568 Webster Road | CITY AND STATE (OR COUNTRY) Strongsville, Ohio, USA | ZIP CODE 44136 |
| SIGNATURE  | | | DATE 4/12/2002 |

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| FULL NAME OF INVENTOR | LAST | FIRST | MIDDLE OR INITIAL |
| RESIDENCE AND CITIZENSHIP | CITY | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSHIP |
| POST OFFICE | STREET NO. AND NAME | CITY AND STATE (OR COUNTRY) | ZIP |
| SIGNATURE | | | DATE |

| | | | |
|---------------------------|---------------------|-----------------------------|---------------------|
| FULL NAME OF INVENTOR | LAST | FIRST | MIDDLE OR INITIAL |
| RESIDENCE AND CITIZENSHIP | CITY | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENS |
| POST OFFICE | STREET NO. AND NAME | CITY AND STATE (OR COUNTRY) | ZIP |
| SIGNATURE | | | DATE |

| | | | |
|---------------------------|---------------------|-----------------------------|----------------------|
| FULL NAME OF INVENTOR | LAST | FIRST | MIDDLE OR INITIAL |
| RESIDENCE AND CITIZENSHIP | CITY | STATE OR FOREIGN COUNTRY | COUNTRY OF CITIZENSH |
| POST OFFICE | STREET NO. AND NAME | CITY AND STATE (OR COUNTRY) | ZIP |
| SIGNATURE | | | |

Sent to Addressee using Express Mailing Label
No. ER 577622420 US on this 24 day of September, 2003.
Kent N. Stone
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No. ET 116643938 US on this 12 day of April, 2002.
Kent N. Stone

Attorney' Dock t N . LEW 17,170-2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: OKOSIE

Serial No.: 10 1124,689

Group No.: 2818

Filed: 4/12/2002

Examiner: David Vu

For: Multi-Functional Micro Electromechanical Devices and method of Bulk Manufacturing the Same

**STATEMENT BY ATTORNEY
THAT APPLICATION PAPERS ARE A TRUE COPY
OF PRIOR APPLICATION (37 C.F.R. 1.60)**

NOTE: Under 37 CFR 1.60 practice, signing and execution of the application by the applicant may be omitted provided the copy is supplied by and accompanied by a statement by the applicant or his or her attorney or agent that the application papers comprise a true copy of the prior application as filed and that no amendments referred to in the declaration filed to complete the prior application introduced new matter therein.

NOTE: This statement need not be verified if made by an attorney registered to practice before the PTO. (37 CFR 1.60(b)(4))

I hereby verify that the attached papers are a true copy of what is shown in my records to be the above identified prior application, including the oath or declaration originally filed. (37 CFR 1.60(b)(4)).

The copy of the papers of prior application as filed, which are attached are as follows:

- ☒ 30 page(s) of specification
- ☒ 10 page(s) of claims
- ☒ 1 page(s) of abstract
- ☒ 30 sheet(s) of drawing
- ☒ 2 pages of declaration and power of attorney

(if the copy of the declaration being filed does not show applicant's signature or an indication thereon that it was signed, then complete the following)

- ☐ In accordance with the indication required by 37 CFR 1.60(b), my records reflect that the original signed declaration showing applicant's signature was filed on _____

Reg. No. 31,883
Telephone No: (216) 433-8855

Kent N Stone

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21000 Brookpark Rd.
Cleveland, Ohio 44135

(Statement by Attorney that Application Papers Are True Copy of Prior Application [4-3.2]—page 1 of 2)

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No. ER 577622420 US on this
24 day of September, 2003.
Kent N Stone
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